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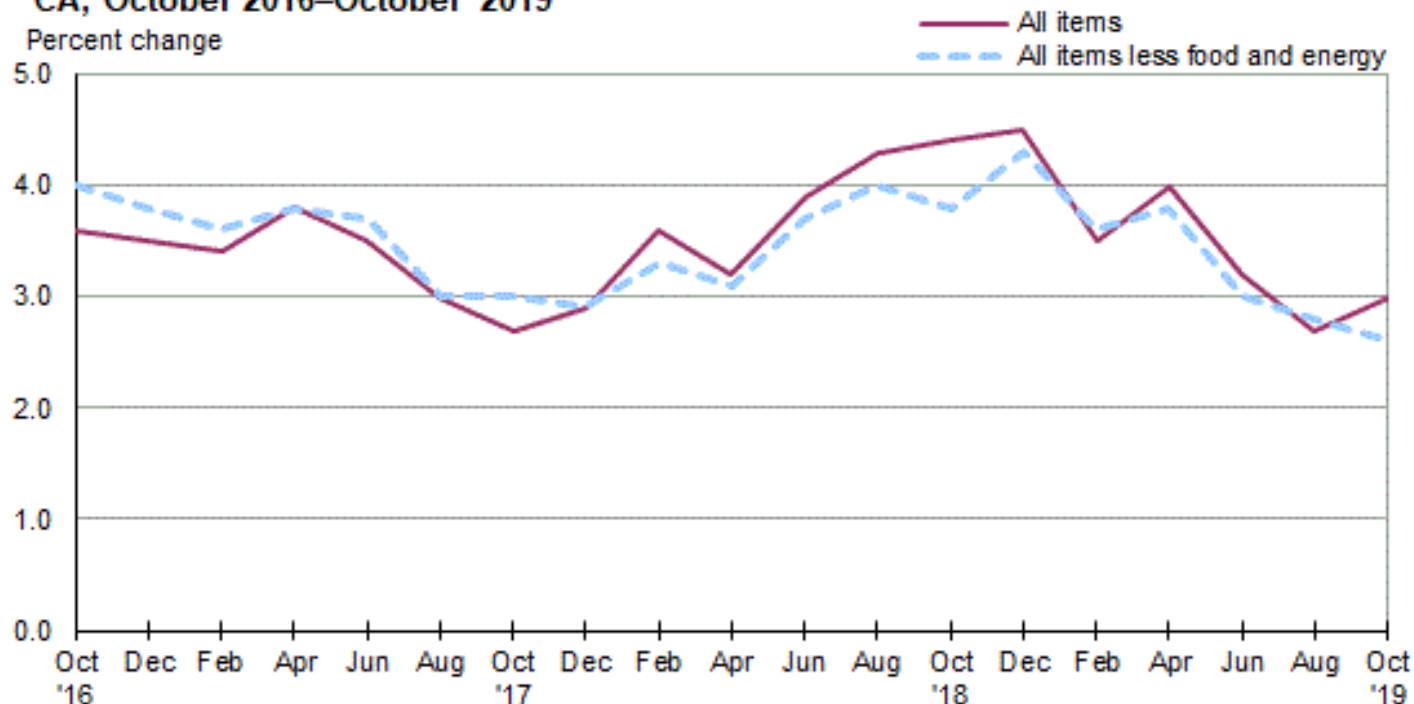
Consumer Price Index, San Francisco Area — October 2019

Area prices were up 1.0 percent over the past two months, up 3.0 percent from a year ago

Prices in the San Francisco area, as measured by the Consumer Price Index for All Urban Consumers (CPI-U), increased 1.0 percent for the two months ending in October 2019, the U.S. Bureau of Labor Statistics reported today. (See [table A](#).) Assistant Commissioner for Regional Operations Richard Holden noted that the October increase was influenced by higher prices for gasoline and shelter. (Data in this report are not seasonally adjusted. Accordingly, month-to-month changes may reflect seasonal influences.)

Over the last 12 months, the CPI-U rose 3.0 percent. (See [chart 1](#) and [table A](#).) The index for all items less food and energy increased 2.6 percent over the year. Food prices rose 4.6 percent. Energy prices rose 5.5 percent, largely the result of an increase in the price of gasoline. (See [table 1](#).)

Chart 1. Over-the-year percent change in CPI-U, San Francisco-Oakland-Hayward, CA, October 2016–October 2019



Source: U.S. Bureau of Labor Statistics.

Food

Food prices advanced 1.0 percent for the two months ending in October. (See [table 1](#).) Prices for food at home rose 1.4 percent, and prices for food away from home increased 0.6 percent for the same period.

Over the year, food prices rose 4.6 percent. Prices for food away from home advanced 6.2 percent since a year ago, and prices for food at home increased 2.8 percent.

Energy

The energy index rose 8.7 percent for the two months ending in October. The increase was mainly due to higher prices for gasoline (14.0 percent). Prices for electricity advanced 0.5 percent, and prices for natural gas service moved up 0.2 percent for the same period.

Energy prices rose 5.5 percent over the year, largely due to higher prices for gasoline (5.5 percent). Prices paid for natural gas service jumped 11.2 percent, and prices for electricity increased 4.1 percent during the past year.

All items less food and energy

The index for all items less food and energy advanced 0.6 percent in the latest two-month period. Higher prices for household furnishings and operations (2.4 percent) and shelter (0.7 percent) were partially offset by lower prices for apparel (-4.8 percent).

Over the year, the index for all items less food and energy increased 2.6 percent. Components contributing to the increase included medical care (8.2 percent) and shelter (2.8 percent). Partly offsetting the increases were price declines in apparel (-4.3 percent) and education and communication (-1.1 percent).

Table A. San Francisco-Oakland-Hayward, CA, CPI-U 2-month and 12-month percent changes, all items index, not seasonally adjusted

Month	2015		2016		2017		2018		2019	
	2-month	12-month	2-month	12-month	2-month	12-month	2-month	12-month	2-month	12-month
February	1.0	2.5	0.9	3.0	0.8	3.4	1.4	3.6	0.5	3.5
April	1.1	2.4	0.7	2.7	1.1	3.8	0.8	3.2	1.2	4.0
June	0.6	2.3	0.6	2.7	0.3	3.5	0.9	3.9	0.2	3.2
August	0.3	2.6	0.7	3.1	0.2	3.0	0.6	4.3	0.1	2.7
October	0.4	2.6	0.9	3.6	0.6	2.7	0.7	4.4	1.0	3.0
December	-0.3	3.2	-0.3	3.5	-0.1	2.9	0.1	4.5		

The December 2019 Consumer Price Index for the San Francisco area is scheduled to be released on January 14, 2020.

Consumer Price Index Geographic Revision for 2018

In January 2018, BLS introduced a new geographic area sample for the Consumer Price Index (CPI). As part of the new sample, the index for this area was renamed. Additional information on the geographic revision is available at: www.bls.gov/cpi/additional-resources/geographic-revision-2018.htm.

Technical Note

The Consumer Price Index (CPI) is a measure of the average change in prices over time in a fixed market basket of goods and services. The Bureau of Labor Statistics publishes CPIs for two population groups: (1) a CPI for All Urban Consumers (CPI-U) which covers approximately 94 percent of the total population and (2) a CPI for Urban Wage Earners and Clerical Workers (CPI-W) which covers 28 percent of the total population. The CPI-U includes, in addition to wage earners and clerical workers, groups such as professional, managerial, and technical workers, the self-employed, short-term workers, the unemployed, and retirees and others not in the labor force.

The CPI is based on prices of food, clothing, shelter, and fuels, transportation fares, charges for doctors' and dentists' services, drugs, and the other goods and services that people buy for day-to-day living. Each month, prices are collected in 75 urban areas across the country from about 5,000 housing units and approximately 22,000 retail establishments--department stores, supermarkets, hospitals, filling stations, and other types of stores and service establishments. All taxes directly associated with the purchase and use of items are included in the index.

The index measures price changes from a designated reference date (1982-84) that equals 100.0. An increase of 16.5 percent, for example, is shown as 116.5. This change can also be expressed in dollars as follows: the price of a base period "market basket" of goods and services in the CPI has risen from \$10 in 1982-84 to \$11.65. For further details see the CPI home page on the Internet at www.bls.gov/cpi and the BLS Handbook of Methods, Chapter 17, The Consumer Price Index, available on the Internet at www.bls.gov/opub/hom/homch17_a.htm.

In calculating the index, price changes for the various items in each location are averaged together with weights that represent their importance in the spending of the appropriate population group. Local data are then combined to obtain a U.S. city average. Because the sample size of a local area is smaller, the local area index is subject to substantially more sampling and other measurement error than the national index. In addition, local indexes are not adjusted for seasonal influences. As a result, local area indexes show greater volatility than the national index, although their long-term trends are quite similar. **NOTE: Area indexes do not measure differences in the level of prices between cities; they only measure the average change in prices for each area since the base period.**

The San Francisco-Oakland-Hayward, CA. metropolitan area covered in this release is comprised of Alameda, Contra Costa, Marin, San Francisco, San Mateo Counties in the State of California.

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Table 1. Consumer Price Index for All Urban Consumers (CPI-U): Indexes and percent changes for selected periods San Francisco-Oakland-Hayward, CA (1982-84=100 unless otherwise noted)

Item and Group	Indexes			Percent change from-		
	Aug. 2019	Sep. 2019	Oct. 2019	Oct. 2018	Aug. 2019	Sep. 2019
Expenditure category						
All items	295.490	-	298.443	3.0	1.0	-
All items (1967=100)	908.420	-	917.497	-	-	-
Food and beverages	290.673	-	292.658	4.2	0.7	-
Food	288.638	-	291.434	4.6	1.0	-
Food at home	253.359	257.635	256.853	2.8	1.4	-0.3
Cereals and bakery products	261.829	-	264.788	3.0	1.1	-
Meats, poultry, fish, and eggs	250.662	-	254.853	3.6	1.7	-
Dairy and related products	271.079	-	273.959	2.7	1.1	-
Fruits and vegetables	342.240	-	347.437	4.6	1.5	-
Nonalcoholic beverages and beverage materials(1)	199.640	-	204.359	1.4	2.4	-
Other food at home	216.868	-	218.764	1.0	0.9	-
Food away from home	329.247	-	331.348	6.2	0.6	-
Food away from home	329.247	-	331.348	6.2	0.6	-
Alcoholic beverages	316.323	-	311.552	1.0	-1.5	-
Housing	348.154	-	350.894	2.9	0.8	-
Shelter	397.988	399.030	400.713	2.8	0.7	0.4
Rent of primary residence(2)	454.868	456.338	458.237	3.2	0.7	0.4
Owners' equiv. rent of residences(2)(3)	426.454	427.648	429.514	2.9	0.7	0.4
Owners' equiv. rent of primary residence(1)(2)	426.454	427.648	429.514	2.9	0.7	0.4
Fuels and utilities	426.666	-	428.389	7.2	0.4	-
Household energy	369.296	366.831	371.547	5.8	0.6	1.3
Energy services(2)	370.673	368.057	372.305	5.8	0.4	1.2
Electricity(2)	392.850	392.850	394.942	4.1	0.5	0.5
Utility (piped) gas service(2)	310.473	301.827	310.997	11.2	0.2	3.0
Household furnishings and operations	136.999	-	140.320	1.4	2.4	-
Apparel	118.582	-	112.876	-4.3	-4.8	-
Transportation	207.444	-	216.519	4.9	4.4	-
Private transportation	200.963	-	209.962	3.8	4.5	-
New and used motor vehicles(4)	96.228	-	95.983	1.2	-0.3	-
New vehicles(1)	158.619	-	160.445	2.5	1.2	-
Used cars and trucks(1)	260.588	-	249.664	0.7	-4.2	-
Motor fuel	263.865	268.181	300.258	5.4	13.8	12.0
Gasoline (all types)	262.782	267.145	299.473	5.5	14.0	12.1
Gasoline, unleaded regular(4)	262.722	267.087	299.983	5.6	14.2	12.3
Gasoline, unleaded midgrade(4)(5)	246.406	251.029	278.220	6.1	12.9	10.8
Gasoline, unleaded premium(4)	249.142	253.192	281.934	5.2	13.2	11.4
Motor vehicle insurance(1)	516.426	-	531.180	2.2	2.9	-
Medical care	-	-	551.902	8.2	-	-
Recreation(6)	117.507	-	118.162	0.1	0.6	-
Education and communication(6)	149.395	-	150.244	-1.1	0.6	-
Tuition, other school fees, and child care(1) ..	1,786.057	-	1,831.965	-0.1	2.6	-
Other goods and services	501.868	-	506.865	2.1	1.0	-
Commodity and service group						
All items	295.490	-	298.443	3.0	1.0	-
Commodities	194.205	-	196.917	2.2	1.4	-
Commodities less food & beverages	142.625	-	145.602	0.4	2.1	-
Nondurables less food & beverages	190.355	-	195.831	0.3	2.9	-
Durables	96.825	-	97.520	0.7	0.7	-
Services	379.781	-	382.952	3.4	0.8	-

Note: See footnotes at end of table.

Table 1. Consumer Price Index for All Urban Consumers (CPI-U): Indexes and percent changes for selected periods San Francisco-Oakland-Hayward, CA (1982-84=100 unless otherwise noted) - Continued

Item and Group	Indexes			Percent change from-		
	Aug. 2019	Sep. 2019	Oct. 2019	Oct. 2018	Aug. 2019	Sep. 2019
Special aggregate indexes						
All items less medical care	285.206	-	288.121	2.7	1.0	-
All items less shelter.....	253.102	-	256.229	3.2	1.2	-
Commodities less food	149.998	-	152.586	0.5	1.7	-
Nondurables	241.832	-	245.584	2.6	1.6	-
Nondurables less food.....	200.071	-	204.513	0.4	2.2	-
Services less rent of shelter(3).....	373.629	-	377.573	4.2	1.1	-
Services less medical care services.....	368.836	-	372.051	2.9	0.9	-
Energy	307.026	309.318	333.744	5.5	8.7	7.9
All items less energy	298.519	-	300.372	2.9	0.6	-
All items less food and energy	300.891	-	302.596	2.6	0.6	-

Footnotes

(1) Indexes on a December 1977=100 base.

(2) This index series was calculated using a Laspeyres estimator. All other item stratum index series were calculated using a geometric means estimator.

(3) Indexes on a December 1982=100 base.

(4) Special index based on a substantially smaller sample.

(5) Indexes on a December 1993=100 base.

(6) Indexes on a December 1997=100 base.

- Data not available

NOTE: Index applies to a month as a whole, not to any specific date.